

Corporate Wetlands Restoration Partnership



Coastal America in New England

Chaired by
New England District
U.S. Army Corps of Engineers
and
Maine Natural Resources
Conservation Service

The Partnership

Department of Agriculture

Department of the Air Force

Department of the Army

Department of Commerce

Department of Defense

Department of Energy

Department of Housing and Urban Development

Department of the Interior

Department of the Navy

Department of Transportation

Environmental Protection Agency

Executive Office of the President

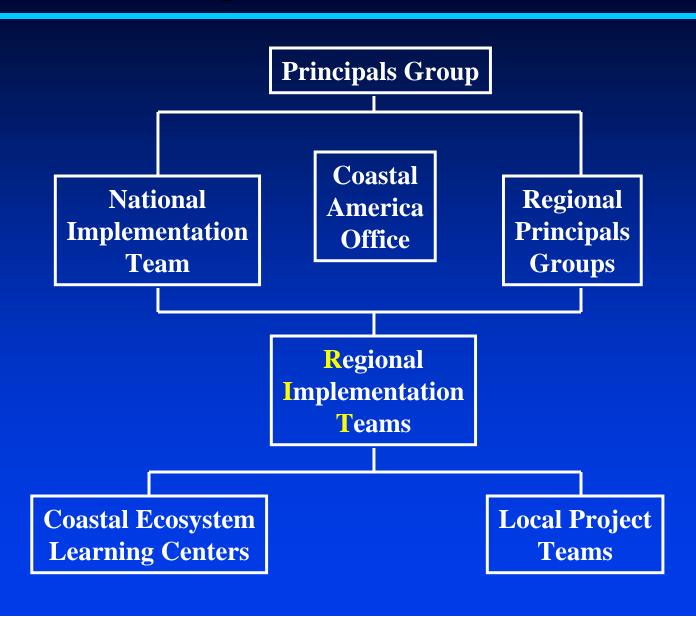
National Structure



Purpose

- Protect, preserve and restore the Nation's coastal ecosystems through existing federal capabilities and authorities
- Collaborate and cooperate in the stewardship of coastal living resources
 - Coordinate federal efforts
 - Integrate federal, state, local and non-governmental efforts
- Provide a framework for action
 - Focus agency expertise
 - Focus agency resources
 - Produce environmental results

Organizational Structure



Operational Structure

National Level -- Policy Formulation
 Role: Support action through existing programs and authorities
 Framework: Memorandum of Understanding

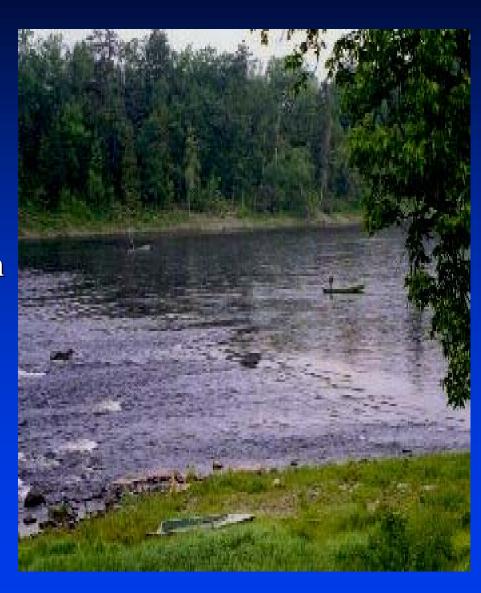
Regional Level -- Planning Process
 Role: Develop regional strategies for joint action
 Framework: Regional Action Plan

Local Level -- Project Implementation
 Role: Implement projects addressing primary coastal concerns
 Framework: Project Working List

Priority Threats to Living Marine Resources

- Physical Habitat Alterations
- Contaminants
- Freshwater Inflow Alteration
- Nutrient Over-enrichment





Connecticut

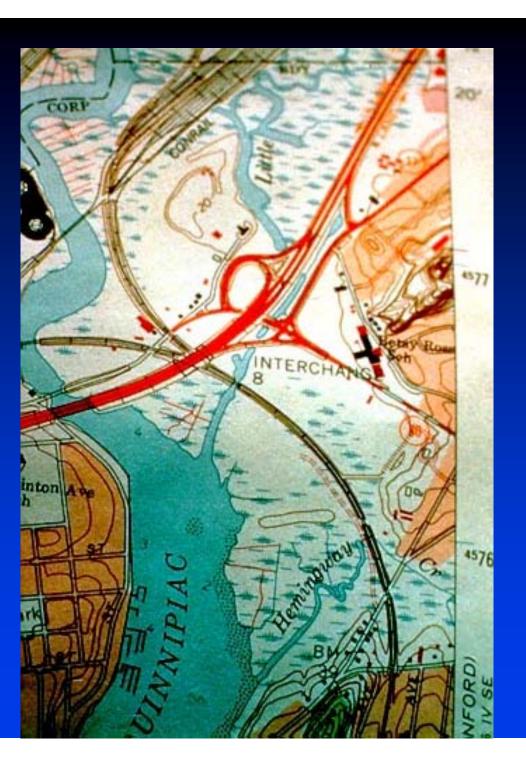


Phragmites Overgrowing Marsh



300 Acre Site
0.1 acres
functioning
adjacent to
significant
shellfish beds





Loss of tidal exchange

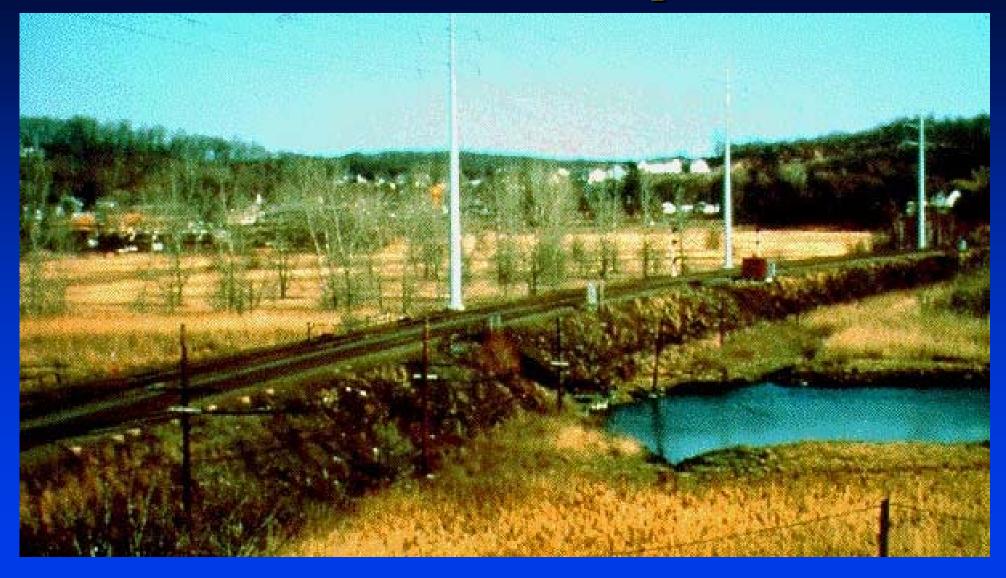
Loss of detrital nutrients to the Quinnipiac River oyster seed beds.

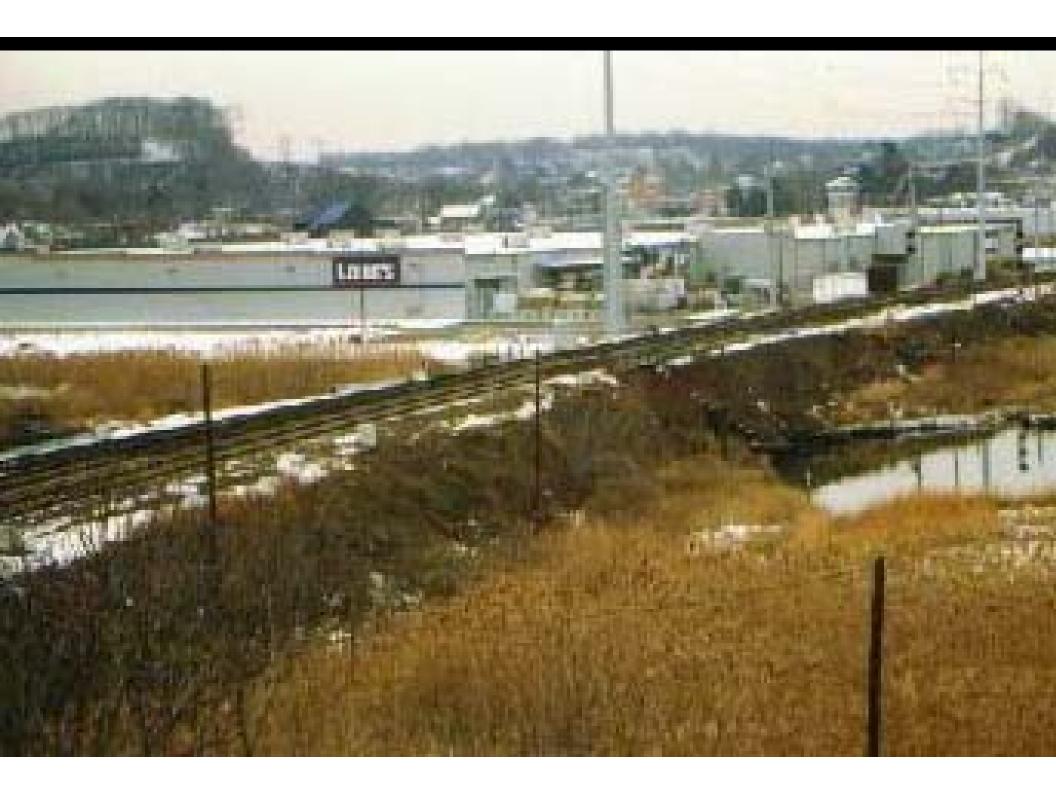
Loss of tidal creek spawning habitat for finfish and forage species.





Infrastructure Development





Rhode Island







Galilee, RI Salt Marsh Restoration Project



Undersized tidal connection

Misaligned culverts



Galilee, RI Salt Marsh Restoration Project

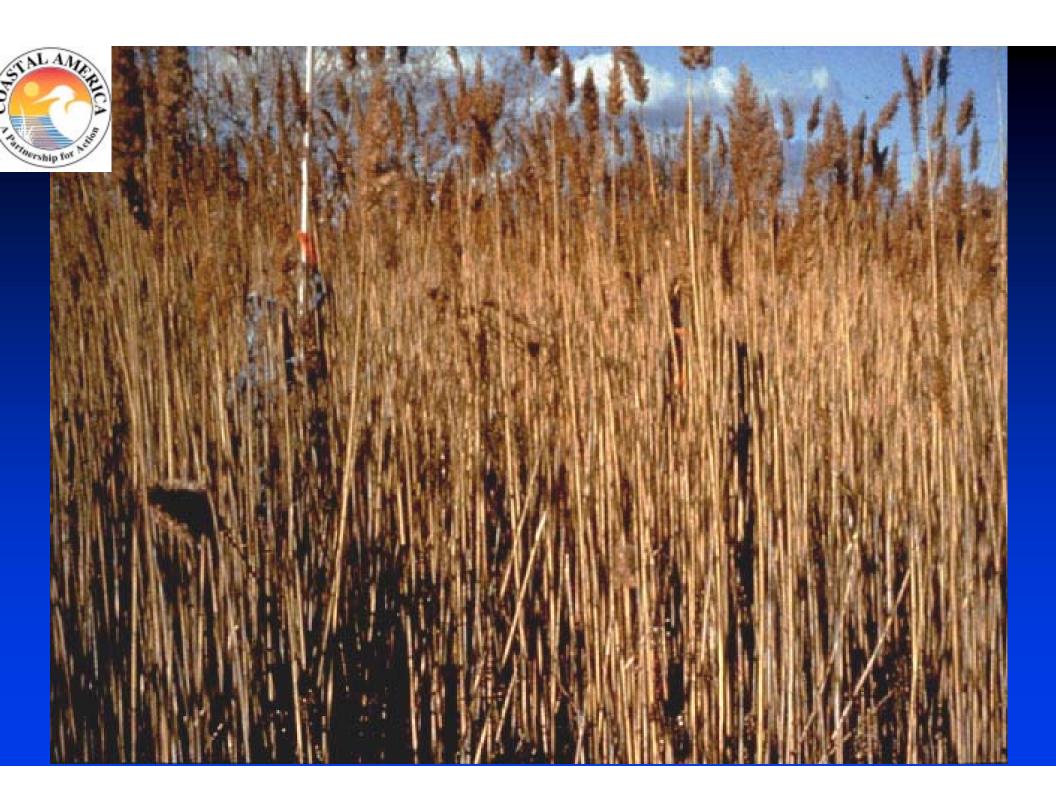


2 small culverts replaced with 4 large culverts and...





... Self
Regulating
Tide Gates.





Galilee After - 2nd year growth

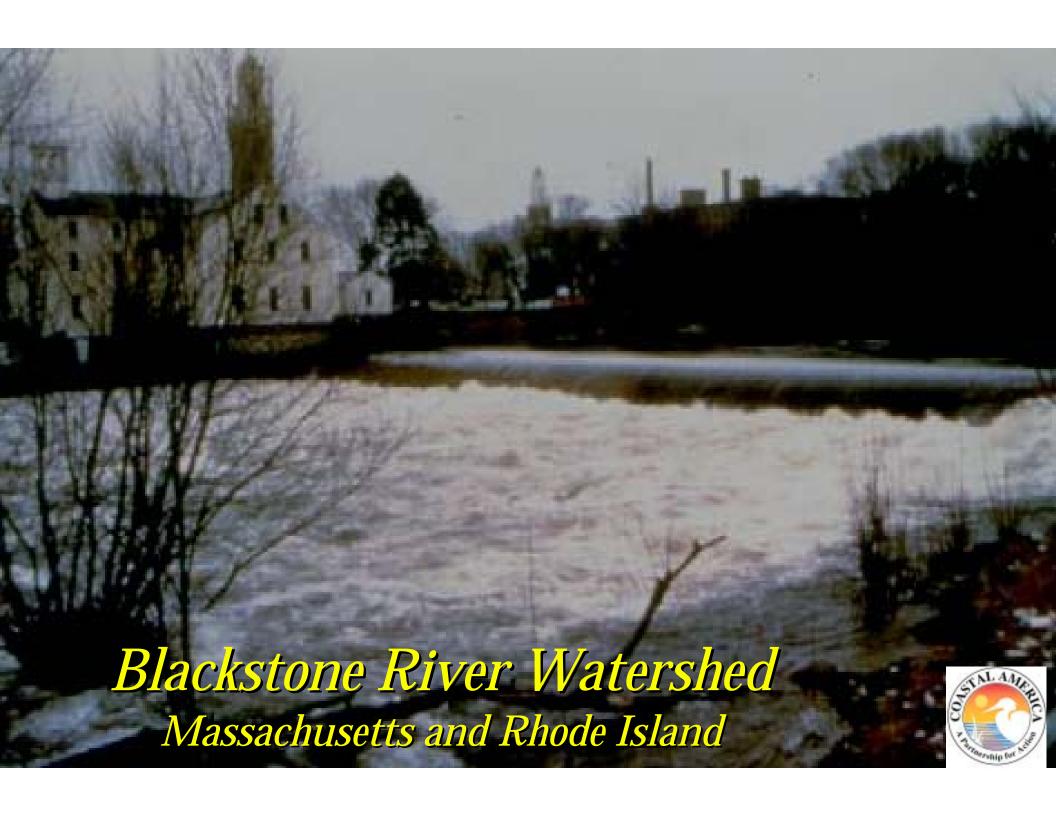




Boyd's Salt Marsh Restoration

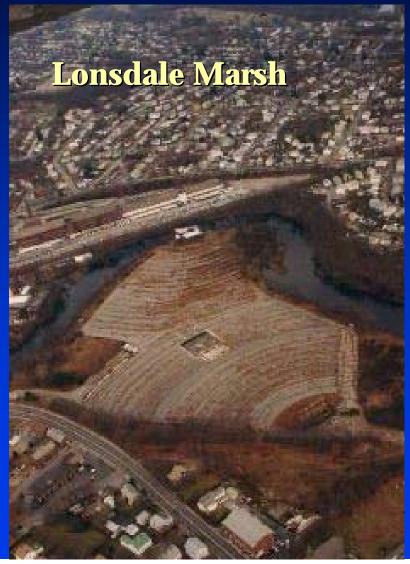


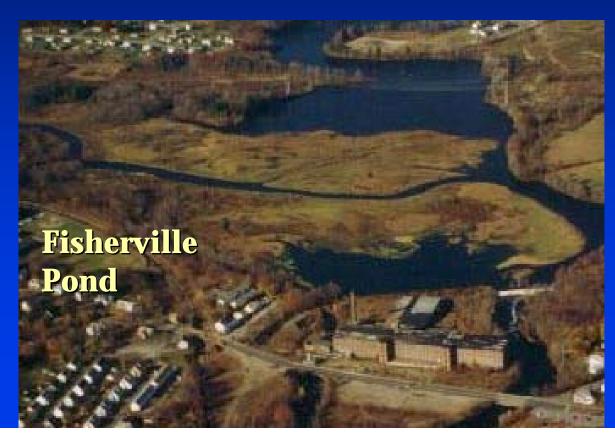




Blackstone River Watershed Restoration Projects

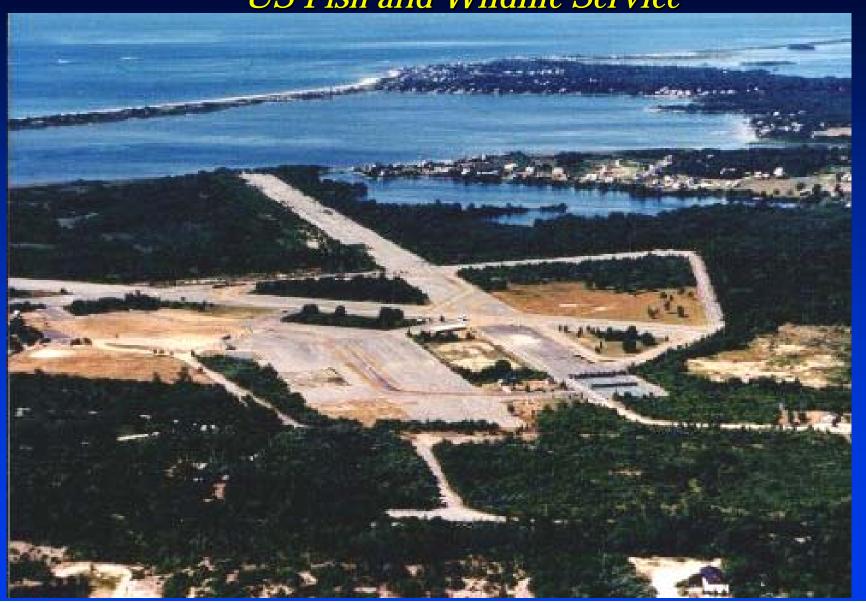




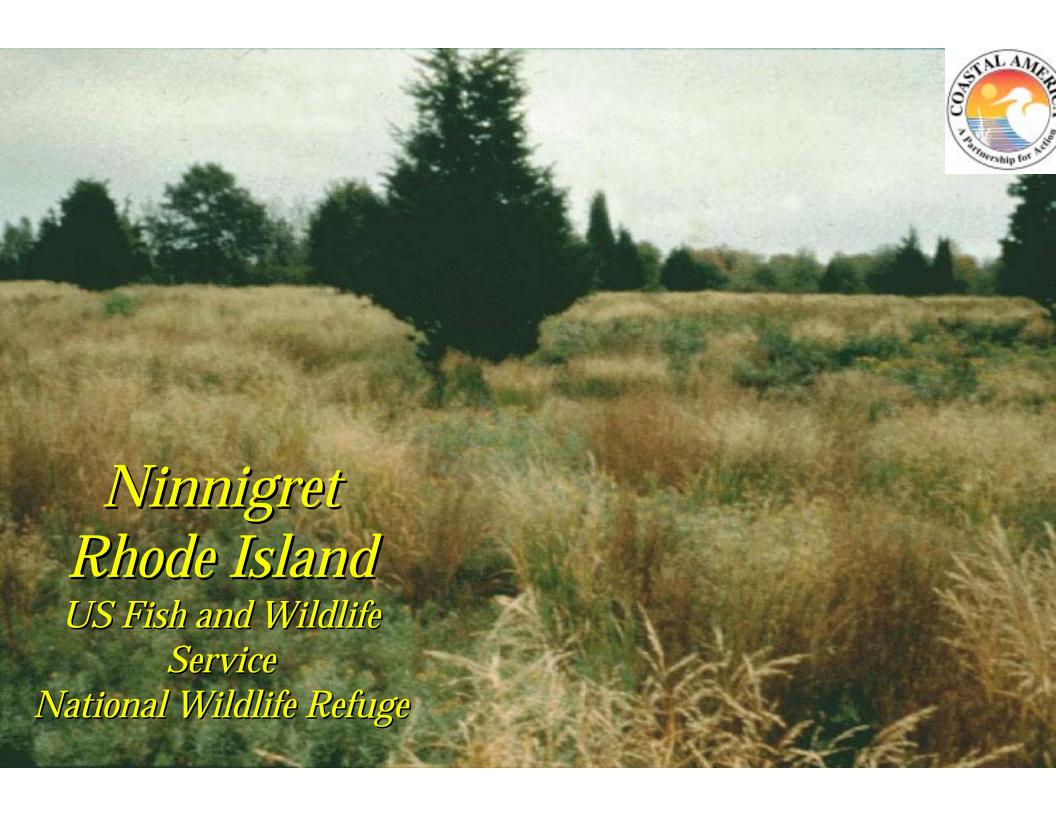


Ninnigret Rhode Island

US Fish and Wildlife Service







Ninnigret Rhode Island US Fish and Wildlife Service National Wildlife Refuge

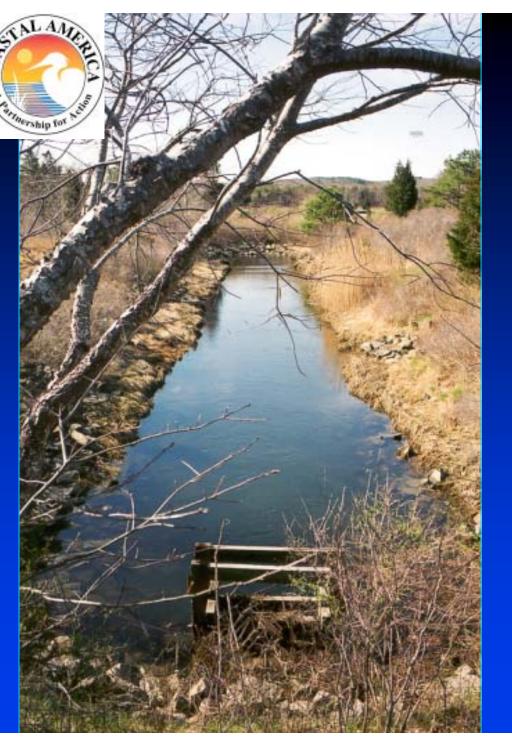


Massachusetts













Plymouth, MA First Fish Ladder in the Nation



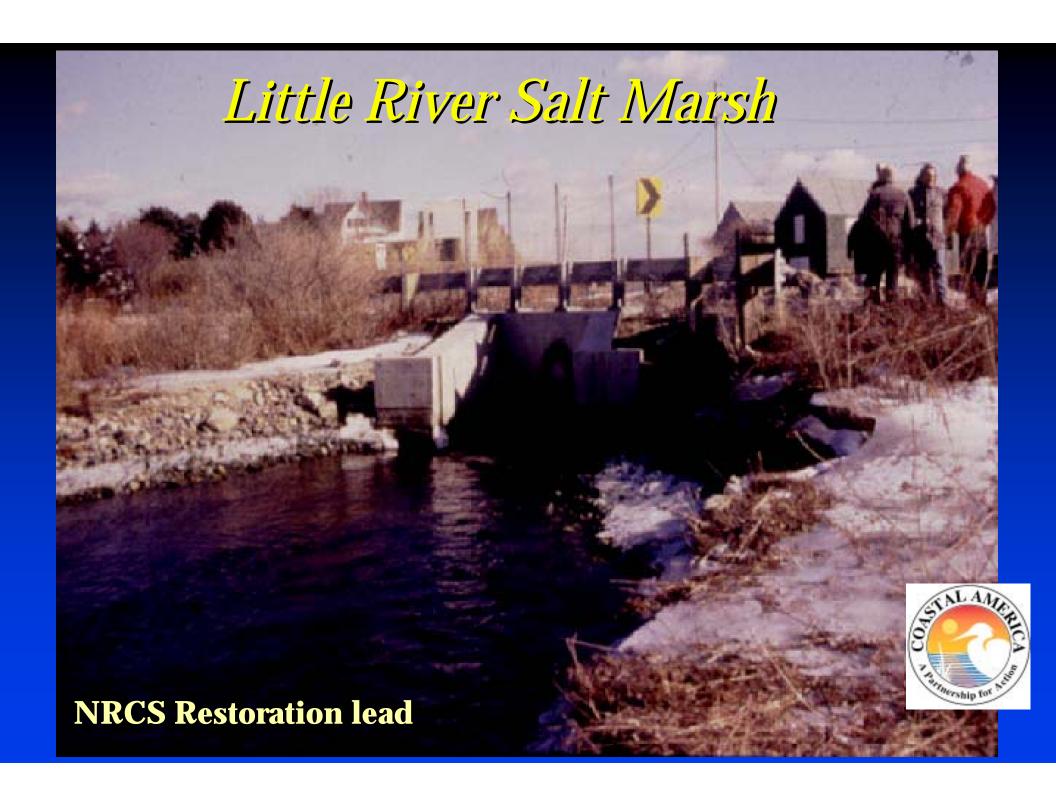
New Hampshire



Little River Salt Marsh







Asheuolet River Dam Removal

Military Training

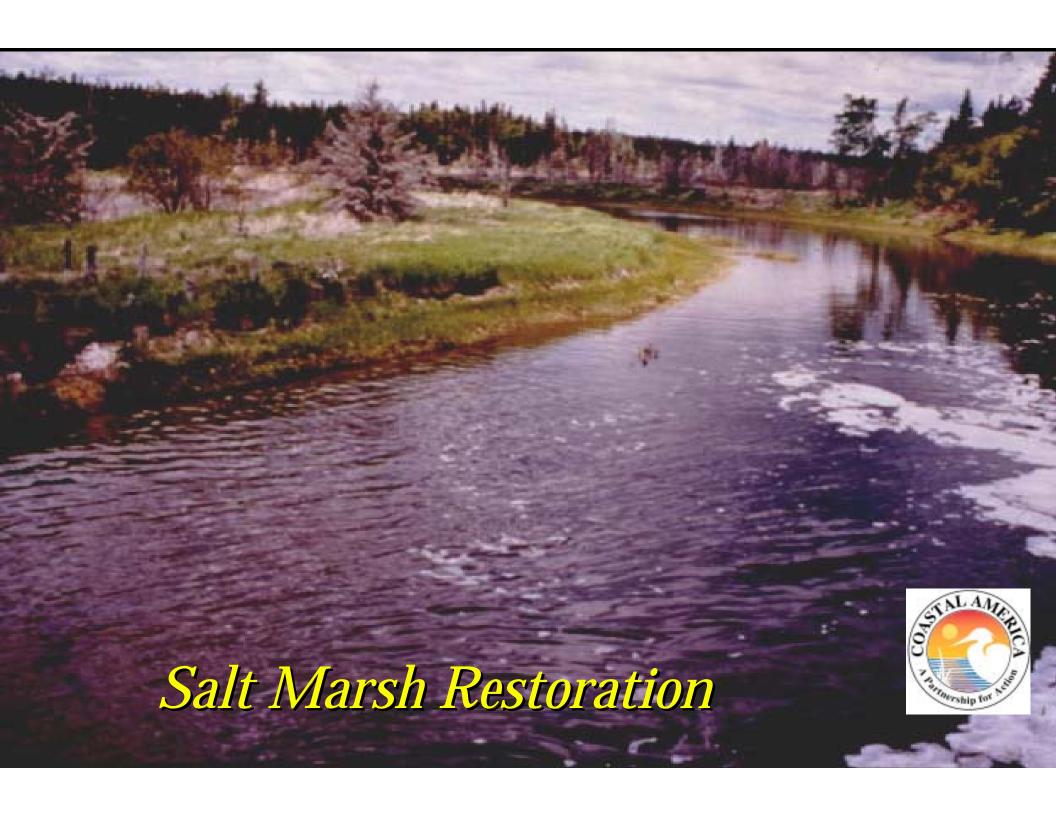
Exercise





Maine

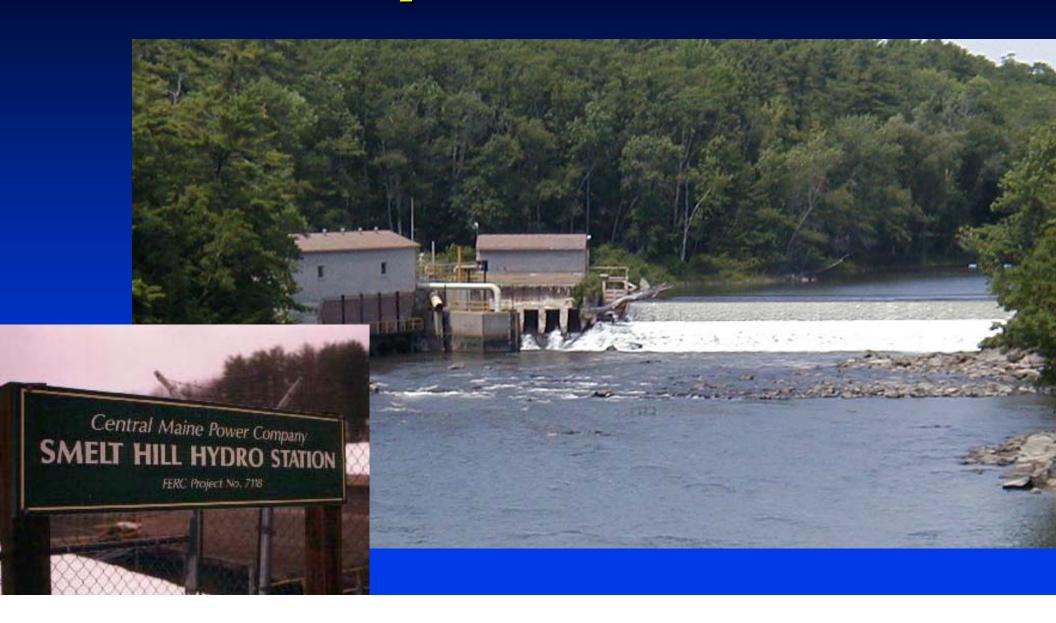




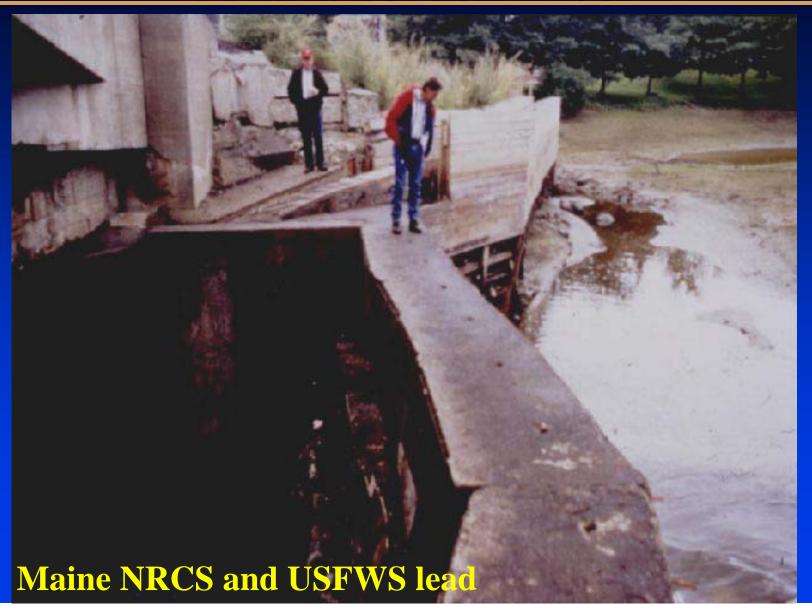


Maine DOT and USACE

Anadromous Fisheries Restoration Presumpscott River, Maine



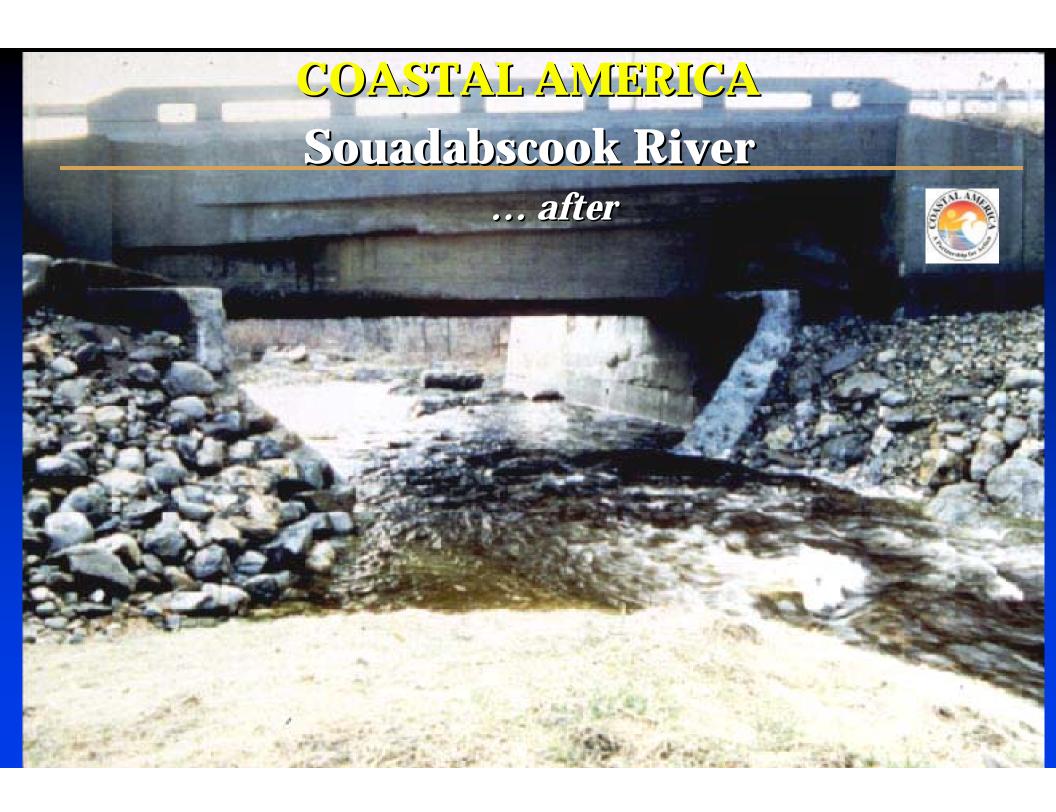
Souadabscook River



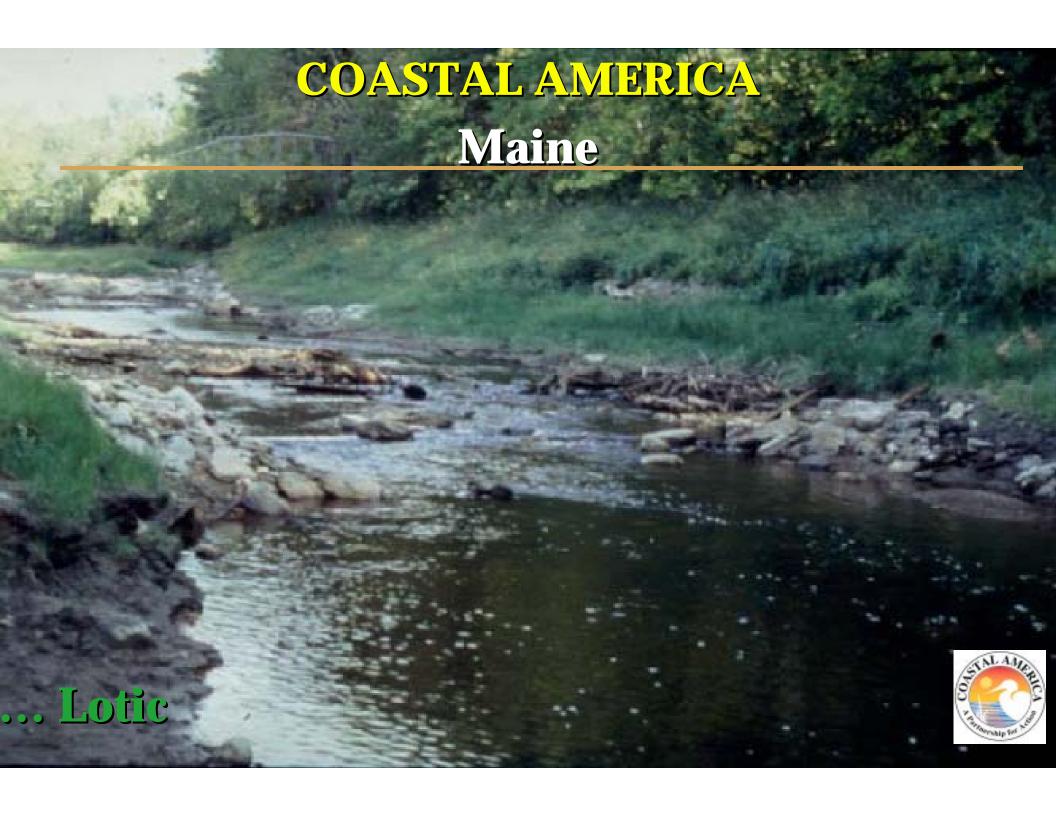




GRIST MILL DAM BREACHED - JULY 1998

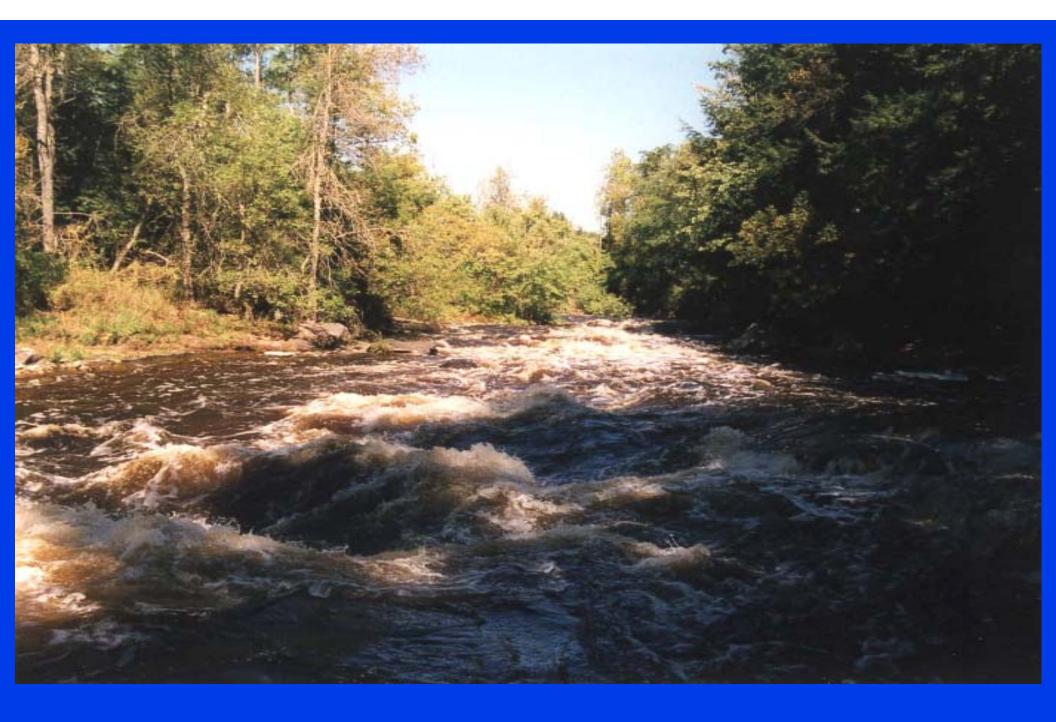






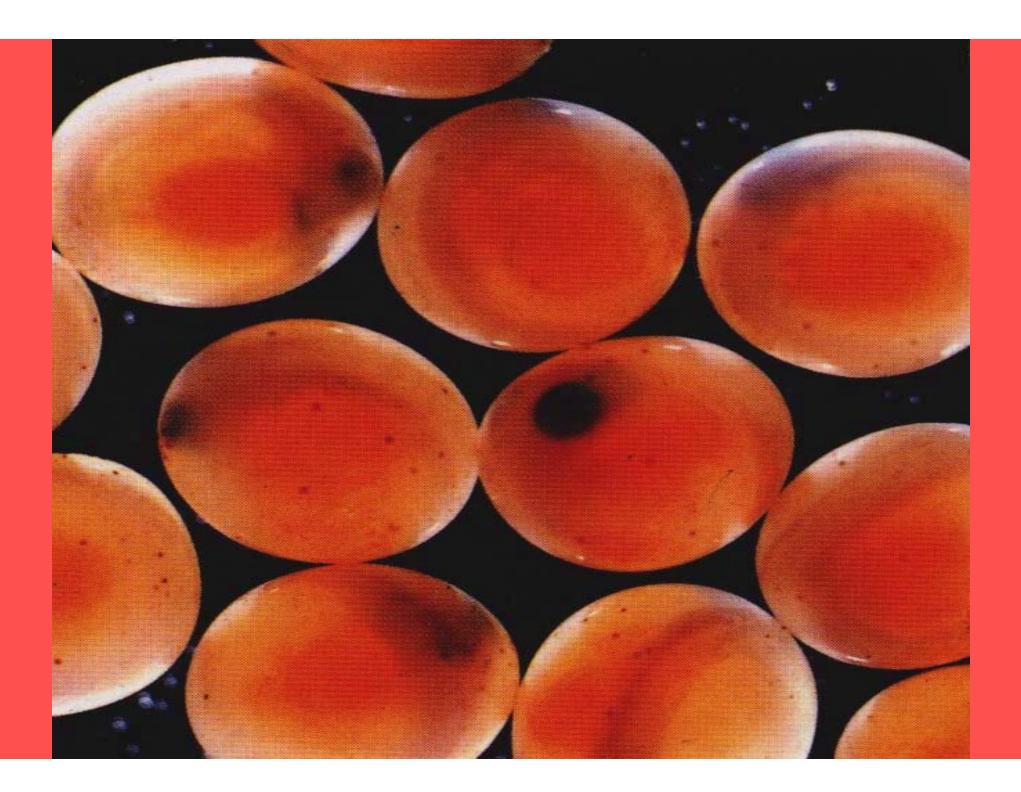


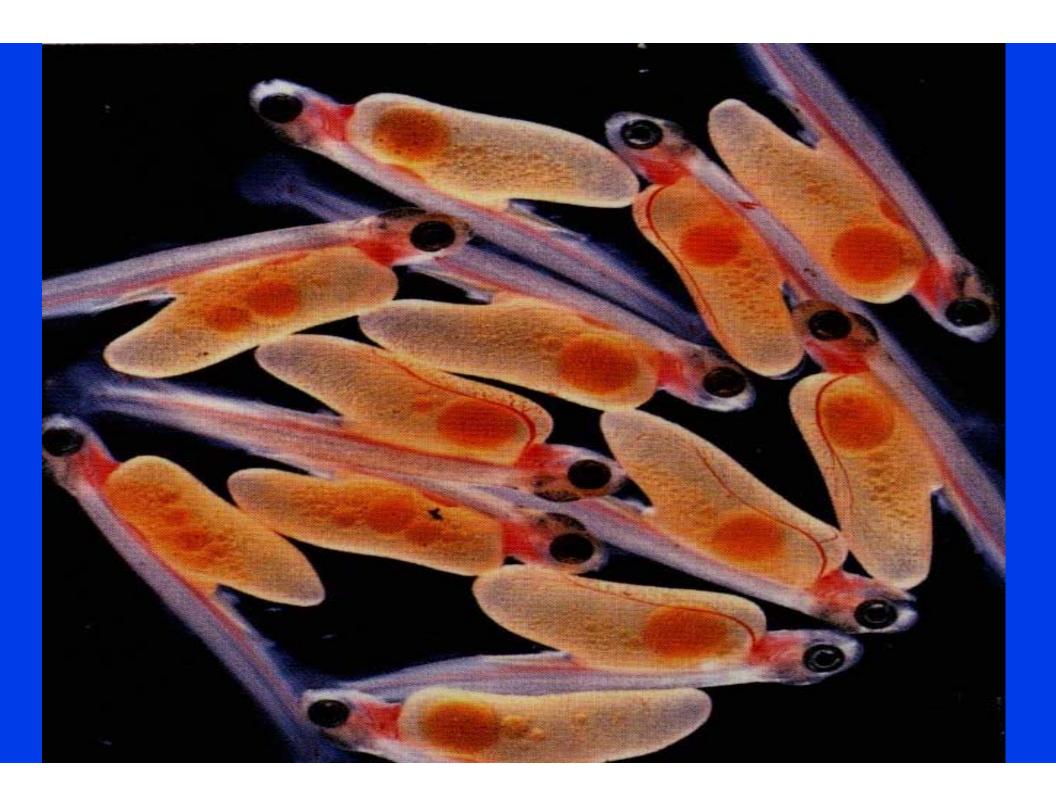
CRAWFORD'S UPPER GRIST MILL DAM

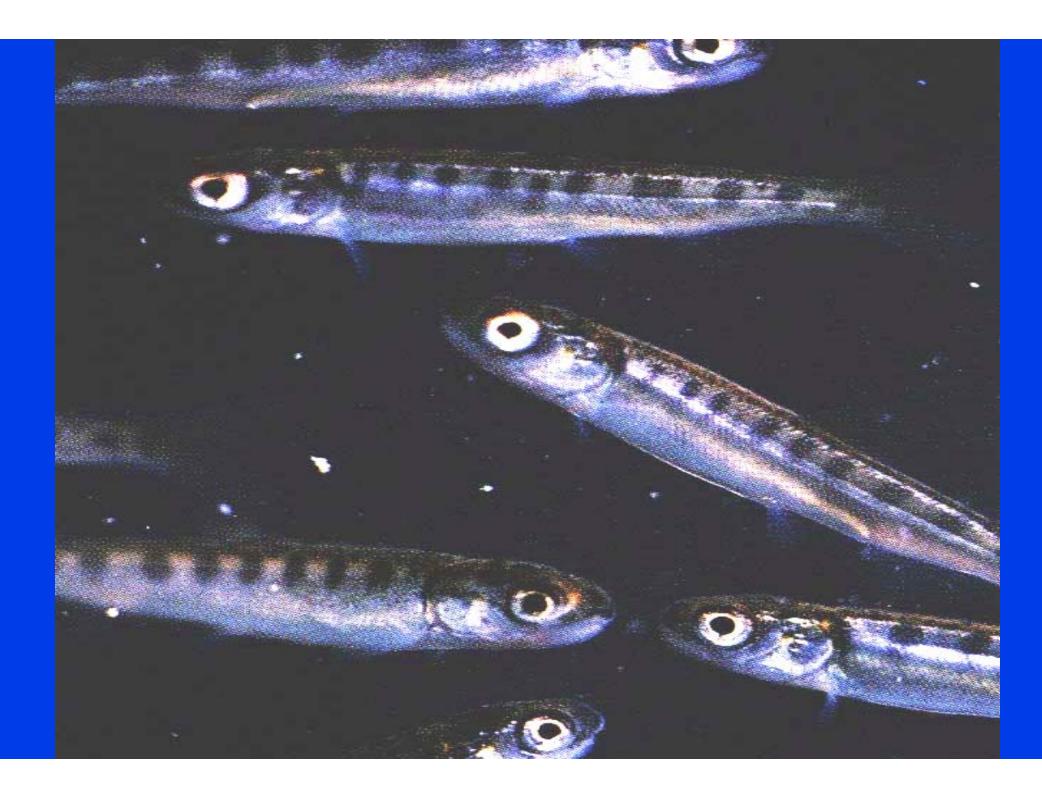




REAL "FISH FRIENDS"





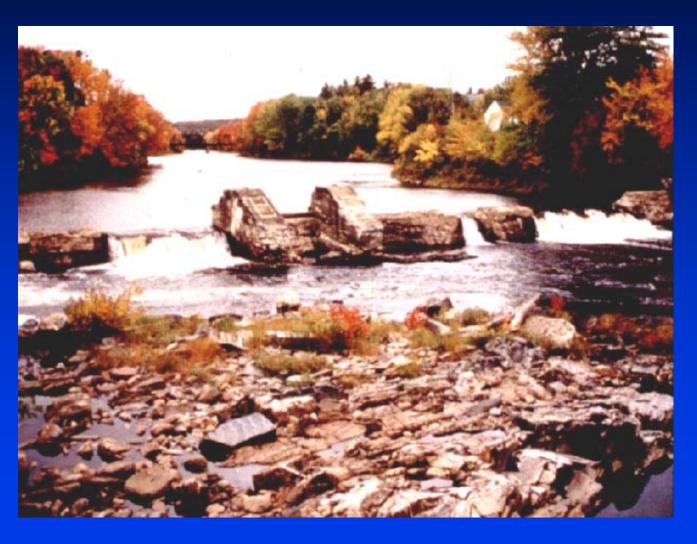




"FISH FRIENDS" STOCK ATLANTIC SALMON FRY

Brownville Dam

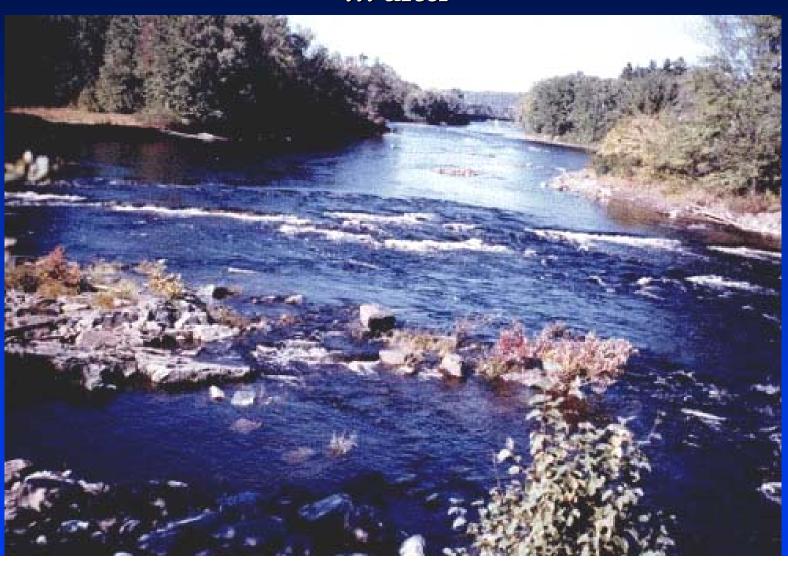
Before...





Brownville Dam

... after

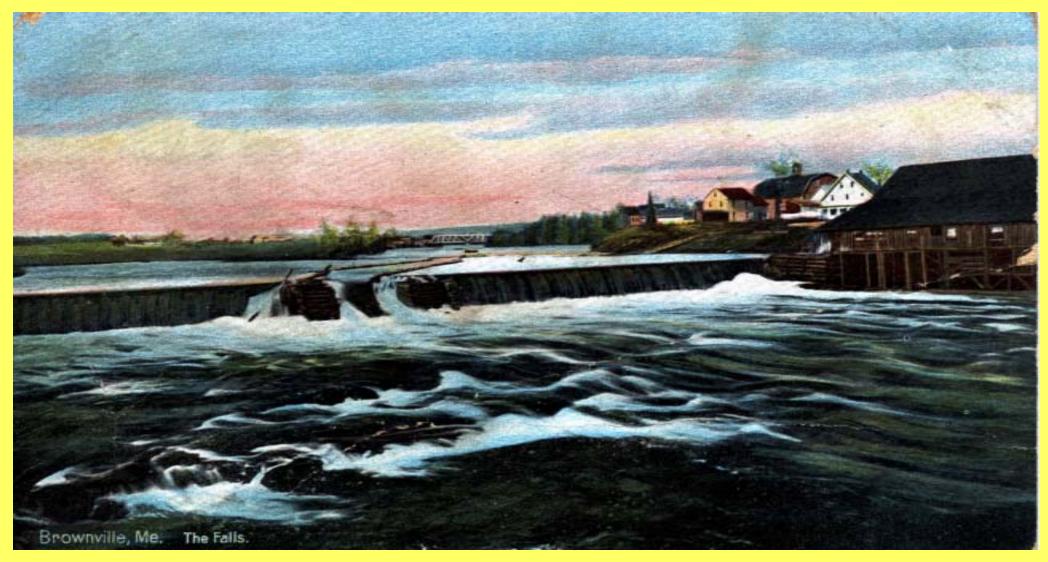






Penobscot Nation Partnership - Supports Removal of Dams and River Restoration Natural Resources Director John Banks & Tribal Elder - Arnie Neptune

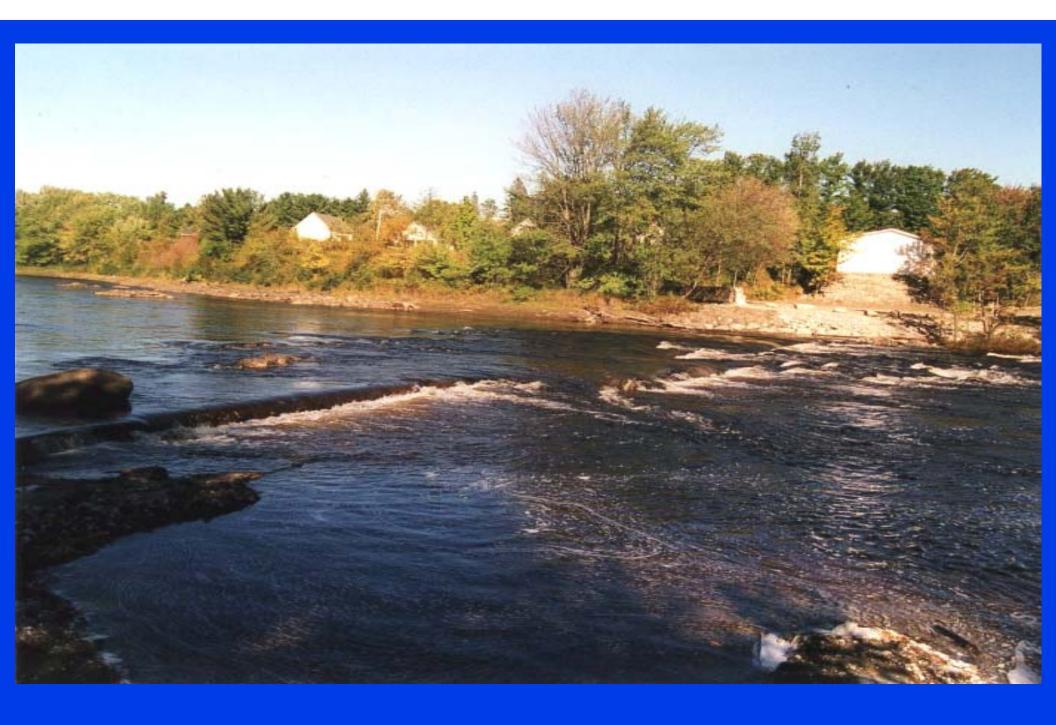




Brovynyille Dam - circa 1909 Penobscot Watershed - Pleasant River



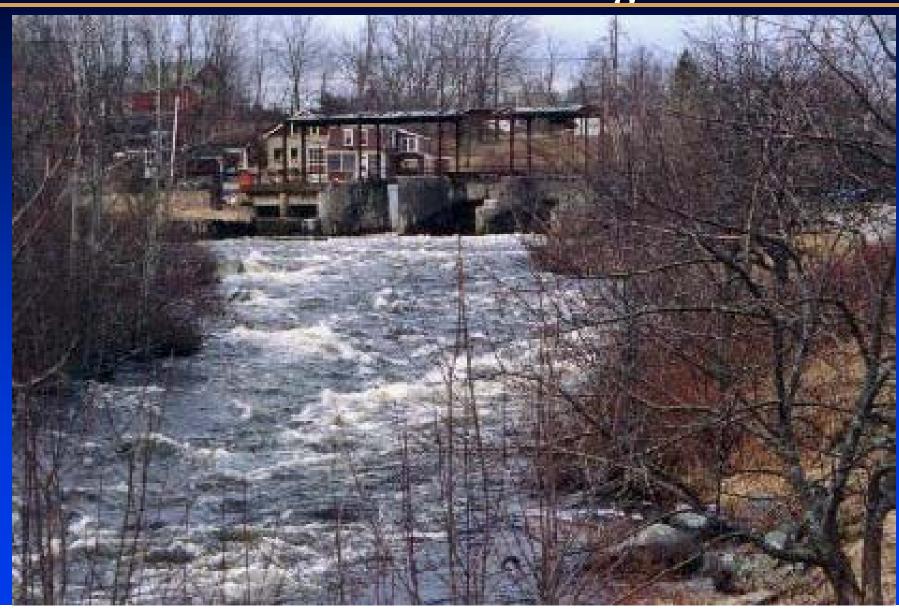
Brownville Dam - Pleasant River - Removed August 5, 1999



East Machias Dam



USAF Red Horse Unit Training Exercise



East Machias

USAF Training Exercise







Corporate Wetlands Restoration Partnership

Corporate Wetlands Restoration Partnership

- Purpose foster collaboration between the federal government, state agencies and private corporations to restore wetlands and other aquatic habitats
- Program corporations contribute funds to implement habitat restoration projects endorsed by Coastal America Regional Teams
- Example New England Corporate Wetlands Restoration Partnership



New England CWRP Event



Sagamore Marsh, MA

Corporate Wetlands Restoration Partnership

Organizational Structure

Coastal America

National Level

Principals Group

National Team

Regional Level

Regional Principals

Regional Teams

State/Local Level

Project Teams

Corporate Partnership

National Council

Regional Council

State Advisory Board

Corporate Wetland Restoration Partnership

National Sponsor

Corporate Partnership Structure

- National Association of Manufacturers 14,000 members
- (Nation's largest and oldest multi-industry trade association)
- The Gillette Company
- The Foxboro Company

Regional Corporate Leaders

- New England The Gillette Company
- Gulf of Mexico Duke Energy

State Corporate Leaders

- Maine Maritimes & Northeast, Inc.
- Massachusetts The Gillette Company
- Connecticut Northeast Utilities and Duracell
- Rhode Island Arch Chemical



Corporate Wetlands Restoration Partnership

Background and Chronology

- Coastal America Massachusetts Resolution signed in 1994 and in 1999, corporations joined partnership through the initiative of The Gillette Company, the MA Executive Office of Environmental Affairs and the U.S. Environmental Protection Agency
- Seventeen companies have pledged more than \$1 Million
- New England CWRP Kick-off in January, 2000
- National CWRP Kick-off on 25 May, 2000
- CT, GA, ME and RI events planned during 2000

Corporate Wetlands Restoration Partnership

Corporate Participation

- Flexible Participation
- Contribution Amount Determined by Company
- Funds Held by Private Foundation or State Trust Fund
- Program Administered at State, Regional and Local Level
- Company Chooses Level of Participation
- Companies Choose Projects from Coastal America Menu
- Project Implementation with Coastal America Oversight

Corporate Wetlands Restoration Partnership

Benefits to Corporations

- Highly Visible / Significant
 Environmental Returns
- Community Involvement
- Promotes Pride and Environmental Awareness
- Positive Public Relations
- Builds Trust Improves Communications with Agencies



Corporate Wetlands Restoration Partnership

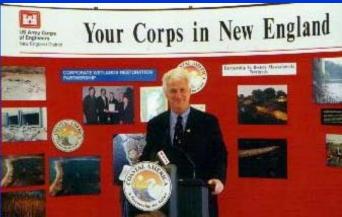
Sagamore Marsh Project, Massachusetts



Corporate Wetlands Restoration Partnership

Benefits to Government

- Provides Matching Funds for Federal Dollars
- Expedites Project Implementation
- Promotes Environmental Awareness in Private Sector
- Builds Trust and Working Relationships
- Improves Communications with Corporations
- Expands Public-Private Partnership



National Corporate Wetland Restoration Partnership

Corporate Partners

- Boston Edison
- Capaccio Environmental Engineering
- Clean Harbors
- Duke Energy
- Duracell
- Earth Tech
- ECAP
- ENSR
- Epsilon Associates
- ERM-New England
- Enventures, LLC

- The Foxboro Company
- Genzyme
- The Gillette Company
- Maritimes and Northeast Pipeline
- MA Electric
- National Association of Mamufacturers
- Northeast Utilities
- Polaroid
- Raytheon
- PG&E Generating





NATIONAL PERFORMANCE REVIEW

Creating a government that works better and costs less

http://www.coastalamerica.gov